

# UDOT Minimum Sampling and Testing Requirement

Revised: May 2006

## 02744 Hot Mix Asphalt - Procurement

02744

Standard Specification

**Related Items:** N/A

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**Type of Construction:** Aggregate Source

**Submittals:**

**Quality Assurance:** Submit adequate sample of aggregate from each source (use form T-268)

**Assurance Frequency:** N/A

**Point of Acceptance:** N/A

**Out of Spec Action:** N/A

**Documentation/Report:**

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**Type of Construction:** Aggregate Source

**Submittals:**

**Quality Assurance:** AASHTO T-19 Unit Weight\*

**Assurance Frequency:** Initial

**Point of Acceptance:** Stockpile or pit

**Out of Spec Action:** N/A

**Documentation/Report:**

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**Type of Construction:** Aggregate Source

**Submittals:**

**Quality Assurance:** AASHTO T-104 Soundness of Aggregate by use of Sodium Sulfate

**Assurance Frequency:** Initial

**Point of Acceptance:** Stockpile or pit

**Out of Spec Action:** Contractor must select another materials source

**Documentation/Report:**

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\*Performed or approved by Region Lab    \*\*Performed by Contractor and reviewed by Engineer

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**Related Items:** N/A**Type of Construction:** Aggregate Source**Submittals:****Quality Assurance:** AASHTO T-96 L.A. Wear\***Assurance Frequency:** Initial**Point of Acceptance:** Stockpile or pit**Out of Spec Action:** Contractor must select another materials source**Documentation/Report:****Type of Construction:** Aggregate Source**Submittals:****Quality Assurance:** AASHTO T-112 clay lumps and friable particles\***Assurance Frequency:** Initial**Point of Acceptance:** Stockpile or pit**Out of Spec Action:** Contractor must select another materials source**Documentation/Report:****Type of Construction:** Hot Mix Asphalt superpave volumetric mix verification**Submittals:****Quality Assurance:** AASTHO T-311 and PP-28 Gyratory volumetric mix design\***Assurance Frequency:** 8 specimens/design**Point of Acceptance:** Verified mix design prior to paving**Out of Spec Action:** New mix design**Documentation/Report:****Type of Construction:****Submittals:****Quality Assurance:** AASHTO T-283 as modified by UDOT 8-957 Lottman test\***Assurance Frequency:** 1 test 6 specimens/test**Point of Acceptance:** Verified mix design prior to paving**Out of Spec Action:** New mix design**Documentation/Report:**

**Related Items:** N/A

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**Type of Construction:****Submittals:**

**Quality Assurance:** Manual of Instruction 8-961 and ASTM D-3665 sampling of Hot Mix Asphalt

**Assurance Frequency:** 3 samples per 2,750 tons

**Point of Acceptance:** Hot mix plant/ Project site

**Out of Spec Action:** N/A

**Documentation/Report:**

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**Type of Construction:****Submittals:**

**Quality Assurance:** AASHTO T-308 asphalt content of HMA by ignition oven

**Assurance Frequency:** 3 samples per 2,750 tons

**Point of Acceptance:** Hot mix plant/ Project site

**Out of Spec Action:** Bonus/deduction/reject

**Documentation/Report:**

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**Type of Construction:****Submittals:**

**Quality Assurance:** AASHTO T-11, T-27, T-30 Mechanical analysis of extracted aggregate

**Assurance Frequency:** 3 samples per 2,750 tons

**Point of Acceptance:** Project site

**Out of Spec Action:** Bonus/deduction/reject

**Documentation/Report:**

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